



SAFETY DATA SHEET MOLYBDATE NO 1 LR

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	MOLYBDATE NO 1 LR
SUPPLIER	PALINTEST LIMITED PALINTEST HOUSE TEAM VALLEY GATESHEAD TYNE & WEAR NE11 0NS ENGLAND TEL 0191 491 0808 FAX 0191 482 5372 palintest@palintest.com X-258
APPLICATION	TESTING WATER
EMERGENCY TELEPHONE	0191 491 0808 (Mon-Fri 08:45 - 16:45)

2 HAZARDS IDENTIFICATION

Harmful if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact.

CLASSIFICATION (1999/45) Xn;R22. Xi;R36/38. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
AMMONIUM CHLORIDE	235-186-4	12125-02-9	30-60%	Xn;R22 Xi;R36
ETHYLENEDIAMINETETRAACETIC ACID TETRA SODIUM SALT		194491-31-1	5-10%	Xi;R36/37/38.
LITHIUM HYDROXIDE	215-183-4	1310-66-3	1-5%	Xn;R22. C;R34.
MALEIC ACID	203-742-5	110-16-7	10-30%	Xn;R22 Xi;R36/37/38 R43

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

MOLYBDATE NO 1 LR

SPILL CLEAN UP METHODS

Collect in containers and seal securely.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
AMMONIUM CHLORIDE	WEL		10 mg/m3		20 mg/m3	

WEL = Workplace Exposure Limit.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Goggles/face shield are recommended.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOUR	White
ODOUR	Odourless
SOLUBILITY	Soluble in water.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

INHALATION

Not relevant at normal room temperatures. When heated, harmful vapours may be formed.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact. Skin irritation is not anticipated when used normally.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

MOLYBDATE NO 1 LR



UK ROAD CLASS	8		
PROPER SHIPPING NAME	CORROSIVE SOLID, N.O.S. (MALEIC ACID, LITHIUM HYDROXIDE)		
UN NO. ROAD	1759	UK ROAD PACK GR.	I
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	I	TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	88	ADR LABEL NO.	8
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	80GC10-I
RID CLASS NO.	8	RID PACK GROUP	I
UN NO. SEA	1759	IMDG CLASS	8
IMDG PACK GR.	I	EMS	F-A, S-B
UN NO. AIR	1759	AIR CLASS	8
AIR PACK GR.	I		

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

AMMONIUM CHLORIDE
MALEIC ACID

RISK PHRASES

R22 Harmful if swallowed.
R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED Version 1

SAFETY DATA SHEET STATUS

Approved.

DATE 7 Jan 2010

SIGNATURE D Ellis

RISK PHRASES IN FULL

R34 Causes burns.
R22 Harmful if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R36 Irritating to eyes.
R43 May cause sensitisation by skin contact.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.